

1 1'. An imaging device comprising:
2 an imaging array;
3 a first optical system to selectively provide an
4 image to said array;
5 a second optical system to selectively provide an
6 image to said array; and
7 an eyepiece to view the image selectively
8 provided to said array from one of said first or second
9 optical systems.

1 2. The imaging device of claim 1 wherein said
2 imaging device is a camera.

1 3. The imaging device of claim 1 wherein said
2 imaging device is a microscope.

1 4. The imaging device of claim 1 wherein said
2 imaging device is a telescope.

1 5. The imaging device of claim 1 wherein said
2 imaging array is a digital sensor.

1 6. The imaging device of claim 1 wherein said first
2 optical system includes a shutter and said second optical
3 system includes a shutter.

1 7. The imaging device of claim 6 wherein said
2 shutters are controlled so that only one of said shutters
3 is open at a time.

1 8. The imaging device of claim 7 wherein a
2 controller enables the user to select one of said shutters
3 to pass light.

1 9. The imaging device of claim 8 including a
2 beamsplitter that causes light from each optical system to
3 be passed both to the imaging array and said eyepiece.

1 10. The imaging device of claim 1 wherein said first
2 optical system includes a lens with a narrower field of
3 view and said second optical system includes a lens with a
4 wider field of view.

1 11. The imaging device of claim 1 wherein said first
2 optical system includes a first lens and said second
3 optical system includes a second lens, said first lens
4 having a higher magnification than said second lens.

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1      12. A method comprising:
2          providing a first image to an imaging array along
3      a first light path;

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1 19. The method of claim 12 including splitting the
2 light from each of said paths to cause part of the light to
3 go to said imaging array and part of said light to go to
4 said eyepiece.

1 20. A camera comprising:
2 a first optical path having a lens with a first
3 field of view;
4 a second optical path including a lens with a
5 second field of view different from said first field of
6 view;
7 an image capture device to selectively receive an
8 image from one of said first and second optical paths; and
9 an eyepiece to display the image received by said
10 image capture device.

1 21. The camera of claim 20 wherein said first optical
2 path includes a shutter and said second optical path
3 includes a shutter.

1 22. The camera of claim 21 wherein said shutters are
2 controlled so that only one of said shutters is open at a
3 time.

